Shinji TANAKA, S.N. 10/522,430 Page 2 Dkt. 2271/73765

Listing of Claims

The following listing of claims will replace all prior versions, and listings, of claims in the subject application:

Claims 1-10 (canceled).

11. (new) A liquid-discharge head including an electrostatic actuator which includes a nozzle discharging a liquid drop, a discharge room communicating with the nozzle, a diaphragm having a first electrode forming a wall surface of the discharge room, and a second electrode opposing the first electrode, the diaphragm being deformed by generating an electrostatic force between the first electrode and the second electrode, wherein the liquid-discharge head comprises:

a first separate electrode provided in a vicinity of the first electrode which contacts a portion of the second electrode when the diaphragm is deformed, the first separate electrode being electrically isolated from the first electrode; and

a second separate electrode provided in a vicinity of the second electrode which contacts a portion of the first electrode when the diaphragm is deformed, the second separate electrode being electrically isolated from the second electrode.

12. (new) The liquid-discharge head according to claim 11, wherein the first separate electrode and the second separate electrode are electrically connected to each other.

Shinji TANAKA, S.N. 10/522,430 Page 3 Dkt. 2271/73765

- 13. (new) The liquid-discharge head according to claim 12, wherein the first separate electrode and the second separate electrode are connected to a ground terminal.
- 14. (new) A recording device which discharges a liquid drop from the liquid-discharge head according to claim 11, wherein the liquid-discharge head includes a plurality of electrostatic actuators, and the first electrodes of the electrostatic actuators are combined electrically.

wherein the liquid-discharge head comprises a part applying differently polarized potentials to the first electrode and the second electrode upon discharging a liquid drop.

- 15. (new) The recording device according to claim 14, wherein said part applies a positively polarized potential to the second electrode.
- 16. (new) A recording device which discharges a liquid drop from the liquid-discharge head according to claim 11, wherein the liquid-discharge head includes a plurality of electrostatic actuators, and the second electrodes of the electrostatic actuators are combined electrically.

wherein the liquid-discharge head comprises a part applying differently polarized potentials to the first electrode and the second electrode upon discharging a liquid drop.

- 17. (new) The recording device according to claim 16, wherein said part applies a positively polarized potential to the first electrode.
 - 18. (new) The recording device according to claim 14, wherein maximum values of the

Shinji TANAKA, S.N. 10/522,430 Page 4 Dkt. 2271/73765

different polarized potentials applied to the first electrode and the second electrode have substantially equal absolute values.

- 19. (new) The recording device according to claim 14, wherein waveforms of the differently polarized potentials applied to the first electrode and the second electrode are pulse waveforms.
- 20. (new) An image forming device which records an image by discharging a liquid drop, wherein the image forming device comprises the liquid-discharge head according to claim 11.